

METHOD OF SETTING A TRANSFER FUNCTION OF AN ADAPTIVE FILTER

Abstract

A method of setting a transfer function of an adaptive filter. The adaptive filter is used for processing an audio signal. The method includes setting a first, a second, and a third pole, setting a first zero without resting upon the audio signal. A real part of the first zero is a negative value and an imaginary part of the first zero is a positive value. A second zero is set having a real part corresponding a positive value and an imaginary part corresponding to a negative value and a third zero is set according to a key shifting associated with the audio signal.